

J. SHREFFLER.
Tile-Brick Molds.

No. 149,957.

Patented April 21, 1874.

Fig. 1.

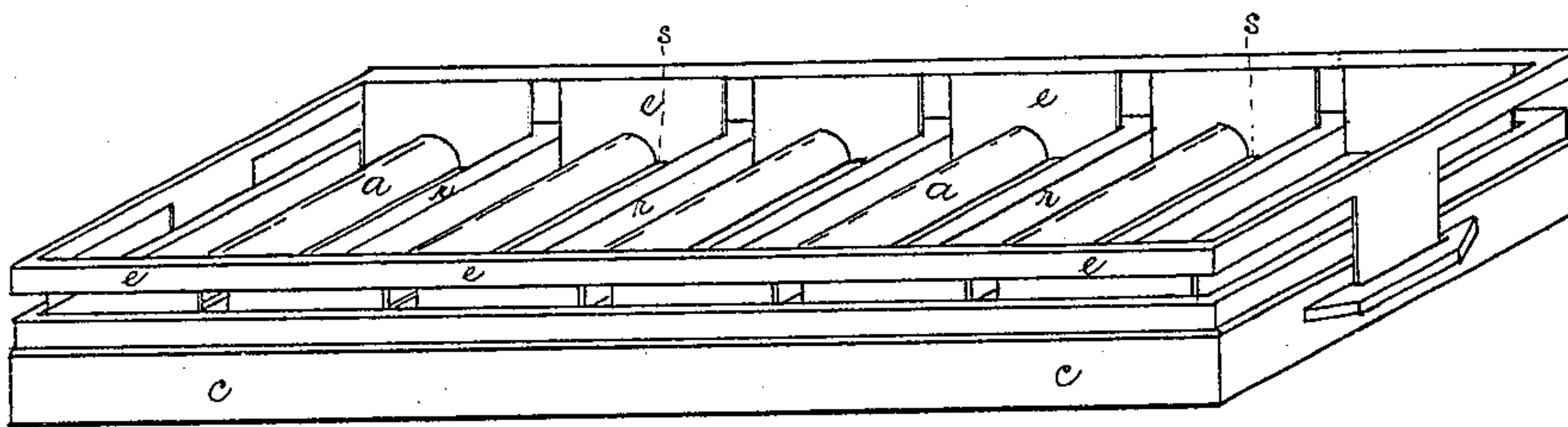
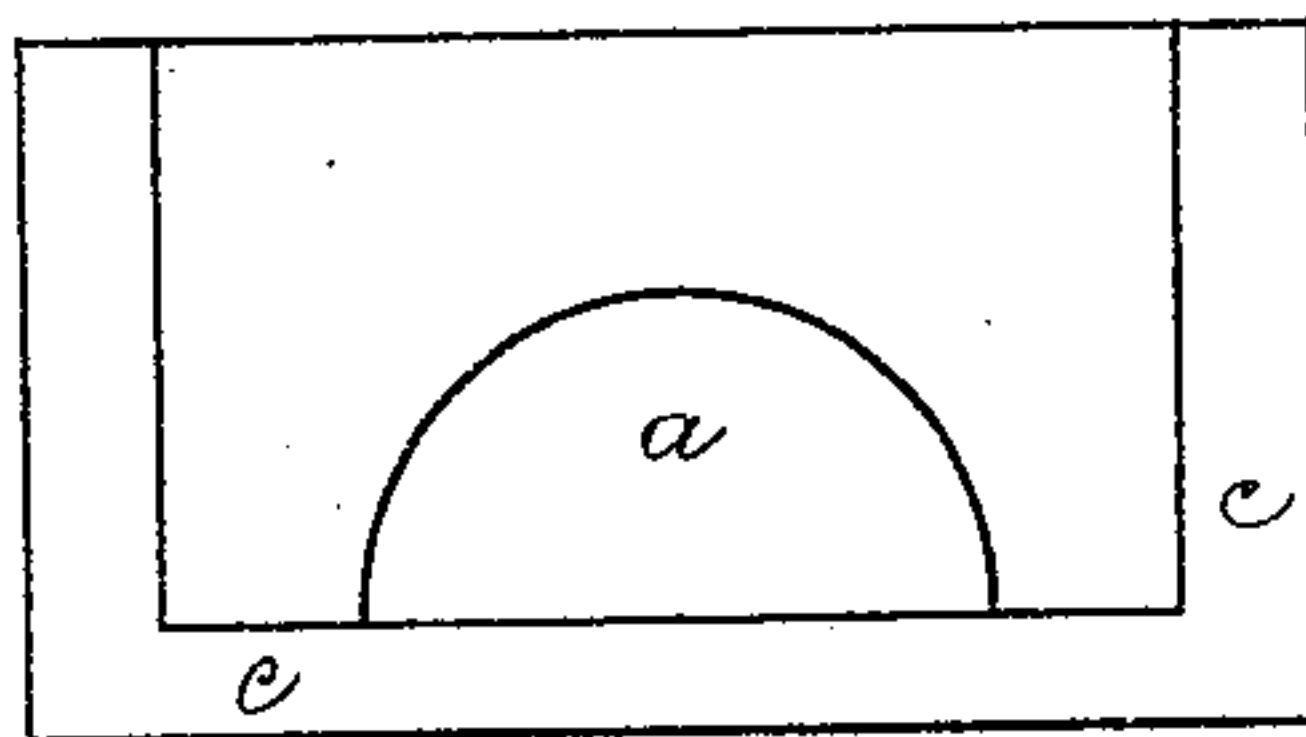


Fig. 2.



Witnesses

Thos H Hutchins

W. Lowe

Inventor

John Shreffler

UNITED STATES PATENT OFFICE

JOHN SHREFFLER, OF JOLIET, ILLINOIS.

IMPROVEMENT IN TILE-BRICK MOLDS.

Specification forming part of Letters Patent No. **149,957**, dated April 21, 1874; application filed March 21, 1874.

To all whom it may concern:

Be it known that I, JOHN SHREFFLER, of the city of Joliet, in Will county and State of Illinois, have invented certain Improvements in Tile-Brick Molds, of which the following is a specification:

The nature of my invention consists in so constructing a brick-mold as to mold a half-round cavity the length of one side of a brick, along its center, so that, by placing two bricks together at their grooved sides, they may be used as tile for drainage purposes, the construction and operation of which I will proceed to explain, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1 is a perspective view, and Fig. 2 a vertical sectional view, through the center of one of the molds.

In the drawing, *c* represents the main frame of the mold, divided into several parts by the partitions *r*. Operating in the open spaces between the partitions *r* are the sliding slotted bottoms *s*, attached to the upper movable frame *e*, as shown. The bottoms *s* have firmly attached to them the half-round core *a*, run-

ning along the middle the entire length, as shown in Fig. 1, which core makes a cavity in the brick, along one side, of the size and shape of the core.

In order to successfully use the mold, it is necessary to force the bottom *s* forward out of the frame *c*, so as to discharge the brick without its clinging to the sides. Fig. 1 represents the bottoms *s* partially forced out. No ordinary mold that is not provided with a movable bottom will successfully discharge the brick. By constructing brick in this way, they may be used as tile for drainage purposes.

I am aware of the patent of Samuel Shreffler, dated March 13, 1866, for brick-molds, which I disclaim; but

What I do claim as new, and desire to secure by Letters Patent, is as follows, to wit:

The half-round cores *a*, in combination with the slotted sliding bottom *s*, frame *e*, and frame *c*, having partitions *r*, constructed, operating, and arranged as and for the purposes set forth.

JOHN SHREFFLER.

Witnesses:

THOS. H. HUTCHINS,
H. LOWE.